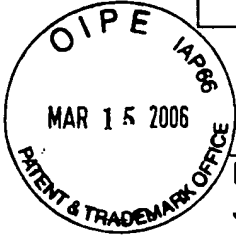


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Dated: March 13, 2006 Signature: Denise Kacinski  
(Denise Kacinski)

10568574 JFW

Docket No.: 61947(51588)  
(PATENT)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Design Application of:  
Jeffrey T. Borenstein et al.

Application No.: AWAITING

Confirmation No.: Unknown

Filed: February 16, 2006

Art Unit: N/A 1657

For: NANOTOPOGRAPHIC COMPOSITIONS  
AND METHODS FOR CELLULAR  
ORGANIZATION IN TISSUE  
ENGINEERED STRUCTURES

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed within three months of the U.S. filing date (37 CFR 1.97(b)(1)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).


In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 61947(51588). A duplicate copy of this paper is enclosed.

Dated:

Respectfully submitted,

By   
Amy M. Leahy

Registration No.: 47,739

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PTO/SB/08a/b (07-05)

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<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	AWAITING
				Filing Date	February 16, 2006
				First Named Inventor	Jeffrey T. Borenstein
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	61947(51588)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-6,720,469	04/13/2004	Curtis	
	AB	US-6,368,838	04/09/2002	Singhvi	
	AC	US-6,143,293	11/07/2000	Weiss	
	AD	US-5,776,748	07/07/1998	Singhvi	
	AE	US-5,674,743	10/07/1997	Ulmer	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			

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NON PATENT LITERATURE DOCUMENTS				
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	CA	WHITESIDES, "The 'right' size in nanobiotechnology" Nat. Biotechnol. 21: 1161-1165 (2003)		
	CB	XIA et al., "Complex Optical Surfaces Formed by Replica Molding Against Elastomeric Masters" Science 273: 347-349 (1996)		
	CC	CLARK et al. "Topographical control of cell behaviour: II. Multiple grooved substrata" Development 108: 635-644 (1990)		
	CD	CLARK et al. "Alignment of myoblasts on ultrafine gratings inhibits fusion in vitro" Int. J. Biochem. Cell Biol. 34: 816-825 (2002)		
	CE	CLARK et al. "Cell guidance by ultrafine topography in vitro" J. of Cell Sci. 99: 73-77 (1991)		
	CF	FLEMMING et al. "Effects if synthetic micro- and nano-structured surfaces on cell behavior" Biomaterials 20: 573-588 (1999)		
	CG	DESAI "Micro and nanoscale structures for tissue engineering constructs" Med. Eng. And Physics 22: 595-606 (2000)		
	CH	GOODMAN "Three-dimensional extracellular matrix textured biomaterials" Biomaterials 17 (21): 2087-2095 (1996)		
	CI	XIA et al. "Unconventional Methods for Fabricating and Patterning Nanostructures" Chem., Rev. 99: 1823-1848 (1999)		

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Application No. (if known): AWAITING

Attorney Docket No.: 61947(51588)

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